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From: Brandon Perkins/R10/USEPA/US

To: Christy Brown/R10/USEPA/US@EPA

Delivered Date: 06/14/2011 02:27 PM PST

Subject: Re: Fw: Flint Hills Question

Hi Christy

Thanks for looking into this. The current owner of the facility as shown that the wastewater sent to the lagoons has contained high levels of sulfolane. The liners of the lagoons have also been documented to have integrity issues pretty much since their construction. The lagoons are believed to be one of the contributors of sulfolane to the groundwater in addition to the spills of gasoline over the years.

I'm curious of what other issues, hazardous waste, or hazardous substances have been sent to the lagoons as well. These substance would have most likely been released to the environment also. I've asked Flint Hills for more information on this, but was also wondering if RCRA had any information as well.

Brandon Perkins
Office of Environmental Cleanup
U.S. Environmental Protection Agency, Region 10
206-553-6396

▼ Christy Brown---06/14/2011 02:18:12 PM---ps I'm not hopeful ... sulfolane isn't even a RCRA hazardous constituent, much less a hazardous wast

From: Christy Brown/R10/USEPA/US
To: Brandon Perkins/R10/USEPA/US@EPA
Date: 06/14/2011 02:18 PM
Subject: Re: Fw: Flint Hills Question

ps I'm not hopeful ... sulfolane isn't even a RCRA hazardous constituent, much less a hazardous waste. best we can hope for, I think, is documentation that whatever wastes were in the lagoons also contained sulfolane.

-----Brandon Perkins/R10/USEPA/US wrote: -----

To: Christy Brown/R10/USEPA/US@EPA
From: Brandon Perkins/R10/USEPA/US
Date: 06/13/2011 04:14PM
Subject: Fw: Flint Hills Question

Hi Christy

I was wondering if you had an information on the RCRA violations related to the wastewater lagoons at the facility. Specifically lagoon B

Brandon Perkins
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----- Forwarded by Brandon Perkins/R10/USEPA/US on 06/13/2011 04:12 PM -----

From: "Farris, Ann M (DEC)" <ann.farris@alaska.gov>
To: Brandon Perkins/R10/USEPA/US@EPA
Date: 05/09/2011 09:24 AM
Subject: RE: Flint Hills Question

Hi Brandon-

There were releases from a leaky sump (water and sulfolane and petroleum) and there were releases from the wastewater lagoon B. Lagoon B was identified in the early 80s as a problem. I believe that it was one of the primary reasons for the RCRA violations from EPA. So as far as I know there were not a lot of pure sulfolane releases, but rather a water/sulfolane mix through these two areas.

The site characterization report is due in on May 31. Liz Page has told me this deadline will not slip. So I believe that report will be very good for us all to get up to speed on the latest information on sources and extent of contamination as we know it so far. They've collected a lot of data, but that report will be the first time that I'll have really seen it a lot of it.

So 3 more weeks and we'll all have a lot more answers, I hope.
Ann

-----Original Message-----

From: Perkins.Brandon@epamail.epa.gov
[<mailto:Perkins.Brandon@epamail.epa.gov>]
Sent: Friday, May 06, 2011 10:21 AM
To: Farris, Ann M (DEC)
Subject: Flint Hills Question

Hi Ann

Just wanted to check in with you to see if you had any information on this.

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Hi Ann

I was reading the April 2011 TPT Information Update on the Sulfolane Investigation Newsletter and I saw in the intro the statement "The most important releases have been the historical releases of gasoline and sulfolane that have impacted North Pole residents downgradient of the refinery". In the Barr September 2010 Site Characterization Work Plan, only one spill of pure sulfolane is documented. Are there other spills of pure sulfolane documented? This statement makes it seem that there is. Or are you considering just the sulfolane within the spilled gasoline in this statement?

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